

## SHORT CIRCUIT ISOLATOR DIGITAL ANALOG SENSOR BASES



**SCI-B6 & SCI-B4**

### STANDARD FEATURES

- UL Listed
- Ability to detect short circuit conditions
- Designed for use with all DCP digital analog sensors
- Available in 4 and 6 inch models
- Built-in LED indication upon short circuit condition
- Contains a security locking tab for tamper protection

### SPECIFICATIONS

<b>Operating Voltage</b>	17 - 41 VDC
<b>Current Consumption</b>	Normal: 160uA Active: 10mA
<b>Security Feature</b>	Plastic Tamper-lock
<b>Color &amp; Material</b>	Bone PC / ABS Blend
<b>Dimensions</b>	SCI-B6: 6 inches SCI-B4: 4 inches
<b>Compatible Detectors</b>	AIE-EA, ALG-V, ALK-V, ALN-V, ATG-EA, ATJ-EA, ACA-V, ACC-V, ACD-V

### APPLICATIONS

The HOCHIKI America SCI-B4 and the SCI-B6 are short circuit isolation mounting bases containing a simple rugged design with screw terminals for wiring connections. These common mounting bases allow sensor interchange and maintain loop continuity when sensors are removed. A simple anti-tamper head locking system is provided which is enabled by removing a small plastic tab on the back of the sensor. Once locked, the head can only be removed using a small diameter screwdriver.

### OPERATION

The SCI-B4 and SCI-B6 are designed specifically for use with the Hochiki NS Digital Analog models AIE-EA, ALG-V, ALK-V, ALN-V, ATG-EA, ATJ-EA, ACA-V, ACC-V, and ACD-V.

The SCI-B4 and SCI-B6 common mounting bases allow for complete compatibility for all of the Hochiki Digital Analog sensors. The solder-less screw terminals enable quick and easy wiring connections.

### PART NUMBERS

<b>0300-04790</b>	SCI-B4 4" sensor base with Isolator
<b>0300-04990</b>	SCI-B6 6" sensor base with Isolator

#### PRODUCT LISTINGS



California State  
Fire Marshal  
7300-0410:0186

Specifications subject to change without notice.

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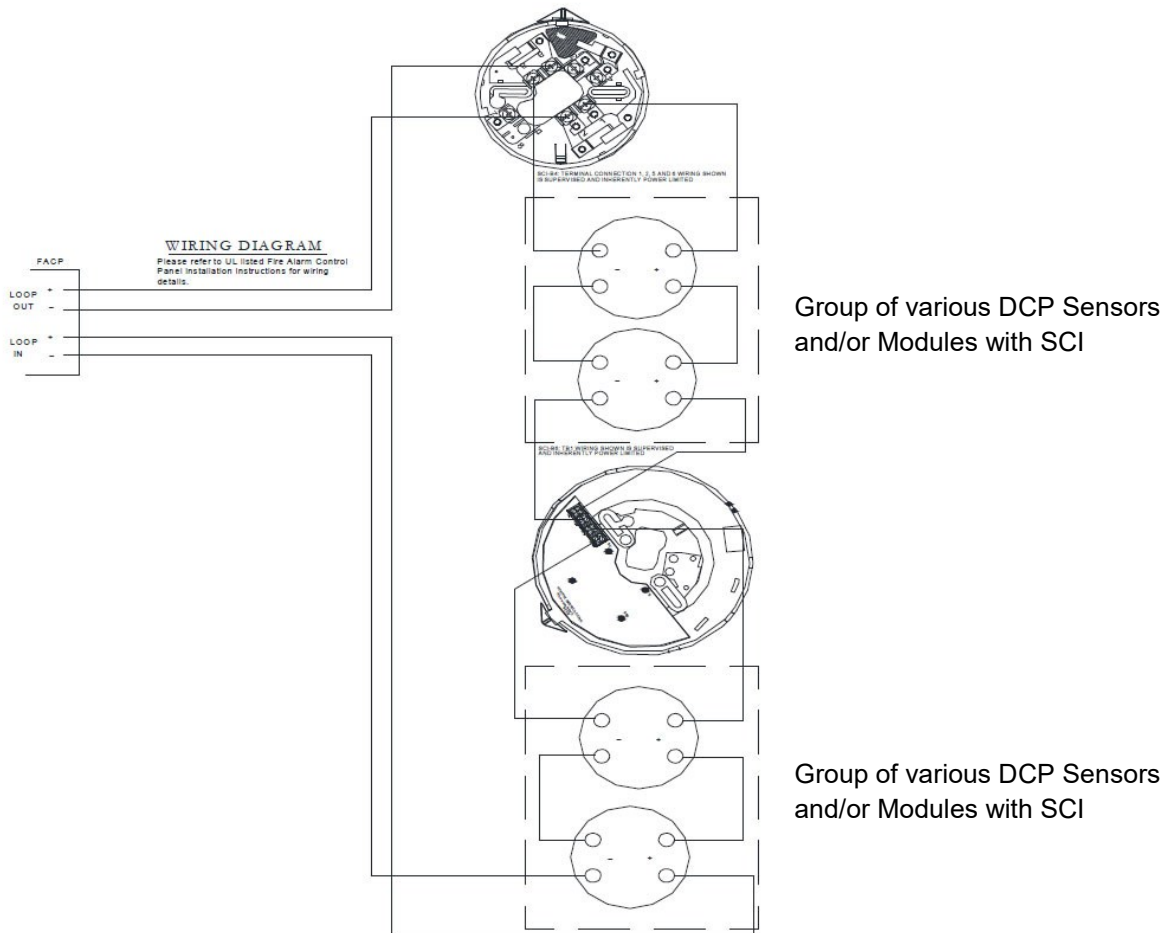
### ENGINEERING SPECIFICATIONS

This specifications applies to the model SCI-B4/-B4W and SCI-B6/-B6W, which are to be connected to a DCP Signaling Line Circuit (SLC). The SCI-B is a short-circuit isolator combined in a base compatible with the Analog range of sensors. The SCI-B4 and SCI-B6 are to be used with the AIE-EA, ALG-V, ALK-V, ALN-V, ATG-EA, ATJ-EA, ACA-V, ACC-V, and ACD-V model sensors only. A remote fire LED facility is provided when a sensor is attached to the base.

The vandal-resistant, security locking feature shall be used in those areas as indicated on the fire plan drawing. The locking feature shall be optional and can be implemented when required.

### TYPICAL WIRING DIAGRAM

SCI-B4 - SLC wired to top of base as shown



NOTE: Fire alarm control panel compatibility is required for DCP products.

The SCI-B4 and SCI-B6 are to be used with the:

AIE-EA, ALG-V, ALK-V, ALN-V, ATG-EA, ATJ-EA, ACA-V, ACC-V, and ACD-V